
APPENDIX A

WASTE DETERMINATION CRITERIA

Title 30. Environmental Quality, Part I. TNRCC
Chapter 335. Industrial Solid Waste and Municipal Hazardous Waste
Subchapter R. Waste Classification (Summary)

Hazardous Waste

- Excluded from being a solid waste or hazardous waste per 40 CFR 261.2, 261.3, or 261.4
- Listed as, mixed with, or derived from a listed hazardous waste identified in 40 CFR 261, Subpart D
- Exhibits any characteristics as identified in 40 CFR 261, Subpart C
- Listed as a used oil hazardous waste per 40 CFR 261.3(a)(2)(v)

Non-Hazardous Waste, Class 1

- Contains any of the contaminants listed in § 335.521(a)(1) at a concentration \geq the maximum concentration given in that table
- Is Class 1 Ignitable
 - Liquid with a flash point $< 65.6^{\circ}$ (150°)
 - Spontaneously combustible
 - Water-reactive material
- Is Class 1 Corrosive
 - $\text{pH} \leq 2$
 - $\text{pH} \geq 12.5$
- Total Recoverable Cyanides ≥ 20 ppm
- There is an absence of analytical data and/or documented process knowledge
- Is identified as a Class 1 Waste in § 335.508
- Is not a Hazardous Waste

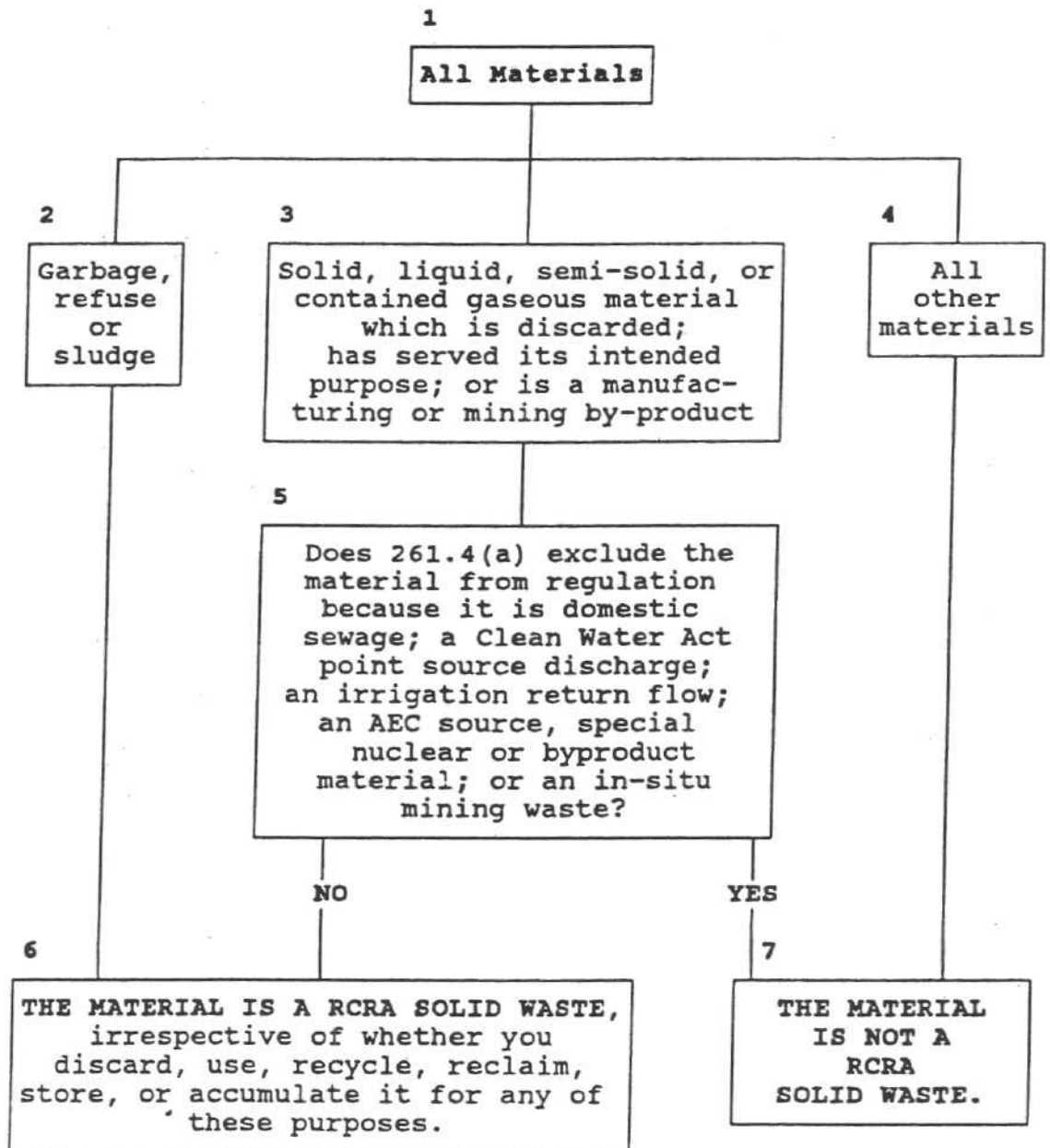
Non-Hazardous Waste, Class 2

- Is not a Hazardous Waste
- Is not a Class 1 Waste
- Cannot qualify as a Class 3 Waste

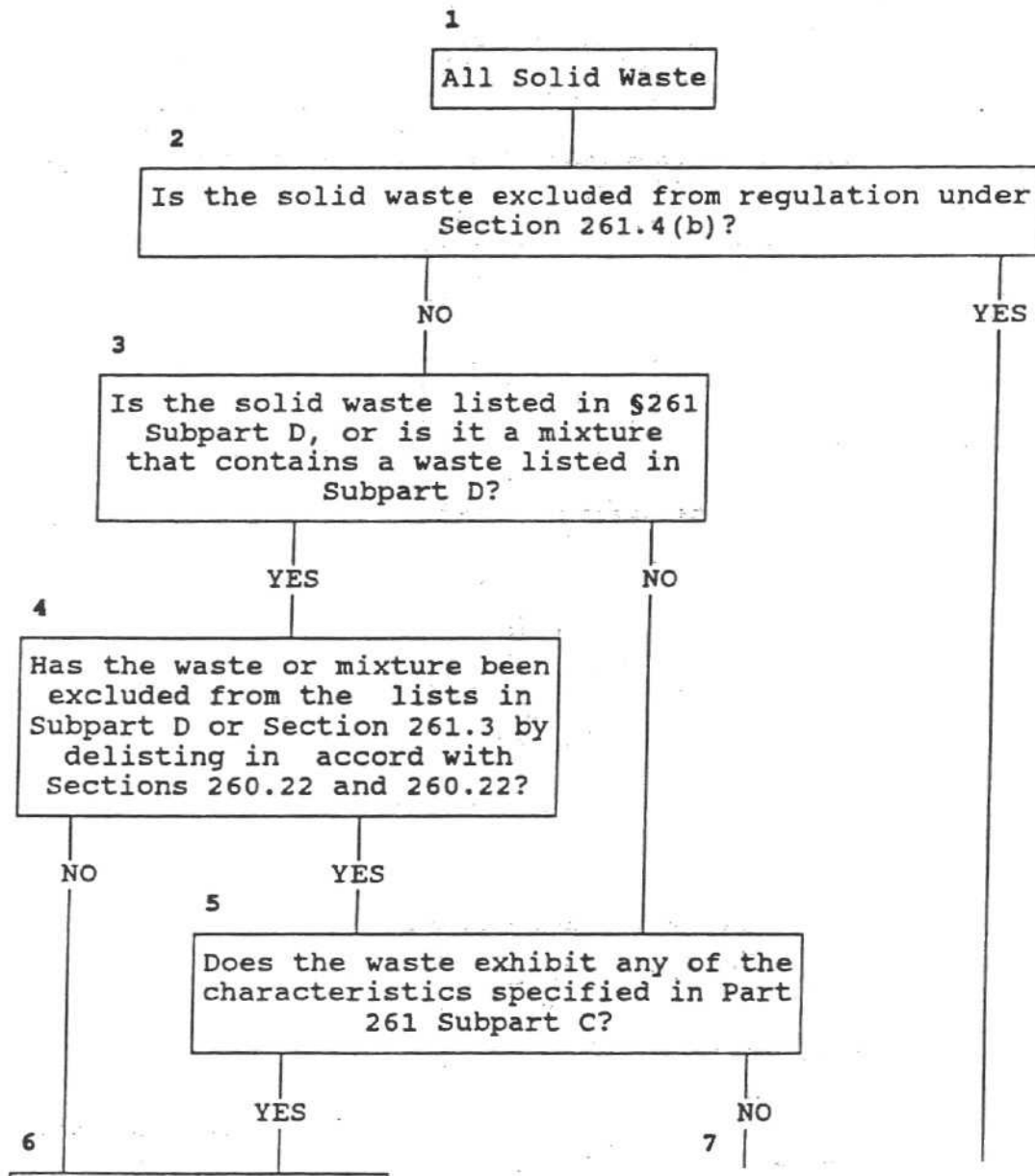
Non-Hazardous Waste, Class 3

- Is not a Hazardous Waste
- Is not a Class 1 Waste
- Is inert
- Is essentially insoluble
 - Does not leach greater than the MCLs listed in § 335.521(a)(3)
 - Does not exhibit detectable levels of constituents found in § 335.521(a)(1)
 - Does not exhibit detectable levels of TPH
 - Does not exhibit detectable levels of PCBs

Solid Waste Determination



Hazardous Waste Determination



APPENDIX B

MANIFEST TRACKING AND SUPPORT DOCUMENTATION

MANIFEST QA/QC CHECKLIST

Place a check mark (✓) next to each category below which **did not** contain a discrepancy. Place an "X" next to each category below which **did** contain a discrepancy. Identify category and discrepancy in "Discrepancy Report" below.

_____ (a) *Generator's EPA ID No.

_____ (b) *Manifest Document No.

_____ (c) *Manifest Page No.

_____ (d) *Generator's Info

_____ (e) *State Manifest Document No.

_____ (f) *State Generator's ID

_____ (g) Transporter Info

_____ (h) Transporter EPA ID No.

_____ (i) State Transporter's ID

_____ (j) Transporter Phone No.

_____ (k) TSDF Info

_____ (l) TSDF EPA ID No.

_____ (m) State TSDF (Facility) No.

_____ (n) TSDF Phone No.

_____ (o) *Shipping Description

_____ (p) *Container Number and Type

_____ (q) *Quantity and Units

_____ (r) *State Waste Code

_____ (s) *Changes/corrections initialed

_____ (t) Green & white copy of manifest

_____ (u) LDR (if applicable)

_____ (v) *Info comparison (EMIS & manifest)

_____ (w) *EPA Codes (if applicable)

_____ (x) Emergency Phone Number

_____ (y) Generator's name/signature/date

_____ (z) Transporter's name/signature/date

_____ (aa) TSDF's name/signature/date

Manifests containing more than one page must be QA/QC'd for items coded with an (*).

Discrepancy Report

| <u>Item</u> | <u>Discrepancy</u> | <u>Corrected By</u> | <u>Date</u> |
|-------------|--------------------|---------------------|-------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

I certify this manifest has been QA/QC'd for all applicable items, and any discrepancies discovered were corrected prior to filing.

Signature_____
Date

Capt. Sean M. O'Brien
SA-ALC/EMC
307 Tinker Drive, Bldg. 306
Kelly AFB, TX 78241-5917

Ms. Ann Rhyne
Registration and Reporting
Texas Natural Resource Conservation Commission (MC-129)
P.O. Box 13087
Austin, TX 78711-3087

RE: Manifest # 02218255 Exception Report
Generator State ID # 31750

Dear Ms. Rhyne:

This Manifest Exception Report is being submitted to report not receiving the original white copy of manifests 02218255, dated October 10, 2000. After 30 days and again after 45 days we initiated phone contacts with the transporter and receiving facility. The waste is a combination of hazardous flammable liquids, paint related material and solids containing flammable liquids.

The Defense Reutilization Marketing Office was contacted as well for assistance in resolving this matter. We hope this provides a sufficient explanation for this Exception Report. If there are any questions, please contact Mr. Art Hoecker at (210) 925-3100 ext. 242.

SEAN M. O'BRIEN, Capt., USAF
Chief, Environmental Compliance Division

cc:
Mr. Craig Meppen, TNRCC Region 13
Ms. Leslie Brown, SA-ALC/JA
Art Hoecker, R. F. Weston

Attachment:
Copy of manifest 02218255

MEMORANDUM FOR: AFBCA/DK
Mark Stough

20 Sep 2001

FROM: AFBCA/DK Hazardous Waste Management

SUBJECT: Classification of an estimated 10,500 gallons of rinsewater from B375 paint chip station, stored at B545

1. The classification for the estimated 10,500 gallons of rinsewater from B375 paint chip station has been evaluated. The classification of the rinsewater is based on analytical data from Severn Trent Laboratory report dated 19 Sep 2001 for sample S01471-2/SUMP. This waste is classified Hazardous Waste for F001 and F002.
2. All wastes generated from AFBCA/DK property must be managed in accordance with federal, state and local regulations. This includes proper marking, labeling and storage while the waste is accumulating. Hazardous, Class 1 and 2 Non-Hazardous waste must be manifested off site to a landfill authorized to receive it. Manifests **MUST** be signed by an authorized AFBCA/DK employee before the waste is shipped off base. If you have any questions or need additional information, please contact Mr. Art Hoecker at 925-3100 ext. 242, or e-mail at ahoecker@AFBDA1.hq.af.mil.



Art Hoecker
AFBCA/DK Hazardous Waste Manager

cc:
Sonny Sebastian, IT Corp.
Ken St. John, AFBCA/DK

AFBCA/DK Waste Management Process Knowledge Form

Name of Waste Hazardous Rinsewater Waste Code 0069204H
B375 Paint Chip Station

For all waste classes please indicate, based on process knowledge, that analysis for the following chemical constituents is **NOT REQUIRED**:

- ☐ **TCLP Metals** (Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver)
BARIUM (high background levels) & SELENIUM are not a concern on Kelly AFB
- ☐ **TCLP Volatiles** (Benzene, Carbon Tetrachloride, Chlorobenzene, Chloroform, 1,2-Dichloroethane, 1,1-Dichloroethylene, Methyl Ethyl Ketone, Tetrachloroethylene, Trichloroethylene, Vinyl Chloride)
- ☐ **TCLP Semi-Volatiles** (o-Cresol, m-Cresol, p-Cresol, Cresol (total), Pentachlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 1-4, Dichlorobenzene, 2,4-Dinitrotoluene, Hexachlorobenzene, Hexachlorobutadiene, Hexachloroethane, Nitrobenzene, Pyridine)
- ☒ **TCLP Pesticides/Herbicides** (Chlorodane, Endrin, Heptachlor, Heptachlor epoxide, Lindane, Methoxychlor, Toxaphene, 2,4-D, 2,4,5-TP (Silvex))
- ☐ **R, C, I** (Reactivity, Corrosivity, Ignitability Characteristics)
- ☐ **Polychlorinated Biphenyls** (TSCA regulated and as otherwise defined by federal, state, and/or local regulations)
- ☐ **Radioactive Materials** (as defined by federal, state, and/or local regulations)

Additionally, for **CLASS 2 INDUSTRIAL WASTES** or any other waste destined for the **MSW cell**, please indicate based on process knowledge that analysis for the following constituents is **NOT REQUIRED**:

- ☐ **TAC 335 Subchapter R, Appendix 1, Table 1, Constituents Not Listed Above Or Analyzed For**
- ☐ **Class I Ignitable**
- ☐ **Class I Corrosive**
- ☐ **If waste is a petroleum substance or contains contamination from petroleum substances (as defined in TAC 335.1), total petroleum hydrocarbon (TPH) concentration is less than or equal to 1500 parts per million (ppm)**

PLEASE DESCRIBE IN DETAIL PROCESS GENERATING WASTE/PROCESS KNOWLEDGE USED TO ELIMINATE PARAMETERS/CONSTITUENTS NOT TESTED FOR:

The above rinsewater was generated from cleanup of B375 paint chip station. Historical sampling and analysis basewide indicate no constituents of concern among PCBs, Herbicides/Pesticides, and Radioactive Materials. Therefore, using process knowledge, AFBCA/DK does not expect to find these constituents and does not test for these parameters. Also using historical data and process knowledge, AFBCA/DK does not expect to find the constituents listed in 30 TAC 335 Subchapter R, App. 1, Table 1 and does not test for those constituents.

I certify that the above mentioned information contains true and accurate descriptions of the waste and that all relevant information regarding known or suspected hazards has been disclosed. I further certify that the waste describe above is not a "Hazardous Waste" as defined by USEPA regulations and/or State regulations.

Art Hoecker
 Print Name


 Signature

AFBCA Hazardous Waste Manager
 Title

20 Sep 01
 Date

WASTE DISPOSAL INFORMATION SHEET (WDI)

Texas Ecologists, Inc.
P.O. Box 307
Robstown, Texas 78380
Phone: (361) 387-3518
Fax: (361) 387-0577

Sales Representative _____

WDI: _____

Section I: General Information

Generator Name: AFBCA/DK (Kelly AFB)
Mailing Address: 143 Billy Mitchell, Bldg. 43
San Antonio, TX 78226-1816
Address of Facility: SAME AS ABOVE
Phone: 210 925-3100 x242 SIC Code: 9711
Fax: 210 925-3511
Technical Contact: Art Hoecker

Broker Name: _____
Mailing Address: _____
Phone: _____
Fax: _____
Broker Contact: _____

Section II: Regulatory InformationEPA ID#: TX2571724333Texas State ID #: 31750EPA Waste Codes: F001, F002State Waste Code: 0069204H☒ Wastewater☐ Non Wastewater☐ Debris

Additional Waste Code list attached

Is waste subject to Land Disposal Ban Certification?

Is waste > 500 ppm VOC per 40 CFR 264 Subpart CC?

Is waste a Benzene NESHAP per 40 CFR 61 Subpart FF?

Are absorbents, non-biodegradable per 40 CFR 264.314?

Is waste ignitable per 40 CFR 261.21?

Is waste corrosive per 40 CFR 261.22?

Is waste reactive per 40 CFR 261.23?

Is waste toxic per 40 CFR 261.24?

Is waste a debris per 40 CFR 268.2(g)?

T Proper Shipping Name: Hazardous waste liquid, nos. 9, NA3082, PG IIIDOT Hazard Class: 9 ☐ UN ☒ NA No.: 3082

Packing Group: III

RQ: X

Unit:

Marine Pollutant: Yes ☐ No ☒ Please ListSARA III (TRI): Yes ☒ No ☐ (Please List in Chemical Composition including Concentration of Constituent)**Section III: General Waste Information**Waste Stream Name: rinsewater contaminated with solventsProcess Generating Waste: B 375 paint chip station cleanup

Shipping Container: ☐ Drum ☐ Tote ☒ Rolloff ☐ End Dump ☐ Haz-Mat Box ☐ Other:
Annual Volume: 10,500 Units: ☒ Gallons ☐ Tons ☐ Pounds ☐ Drums ☐ Cubic Yards
Shipping Frequency: ☐ Weekly ☐ Monthly ☐ Quarterly ☐ Annually ☒ One Time

Section IV: Physical Properties

Color: Clear

Appearance: Liquid

pH: ☐ <2 ☐ 2-6 ☒ 6-10 ☐ 10-12.5 ☐ >12.5

For SOLID materials use a 50% by weight mixture to determine pH. Reference 30 TAC 335.505

Flash Point: ☐ <70°F ☐ <140°F ☐ <200°F ☒ >200°F

For SOLID materials use method identified in 30 TAC 335.505.

Layer: ☒ Single ☐ Bilayer ☐ Multi-Layer Free Liquids: ☐ Yes ☒ NoOdor: ☒ No ☐ Yes Describe: _____ Viscosity: _____

WASTE DISPOSAL INFORMATION SHEET (WDI)

WDI:

Section V: Chemical Composition (Must add up to 100%) All components of 1% or greater concentration must be listed. *Specific chemical names are required. Do NOT use generic names. Account for 100% of the waste. Attach additional pages, if necessary. Attach laboratory analysis and/or MSDS, if applicable.*

INCLUDE CAS Number for SARA Listed Chemicals (a copy of the SARA list is available upon request)

| Constituent | Average | Unit | Range | SARA Chemical | CAS # |
|-------------|---------|------|-------------|---------------|-------|
| rinsewater | 100 | % | 0 % to 100% | | |
| | | | to | | |
| | | | to | | |
| | | | to | | |
| | | | to | | |
| | | | to | | |
| | | | to | | |

☒ See attached for additional constituent
Waste composition is determined by:

☒ Analysis (EPA methodology with appropriate QA/QC protocol required)
☒ Process Knowledge ☐ See attached for additional process information

Section VI: Chemical Properties ☒ TCLP☐ TOTALS

Check Box for None if no information is available or if value is below detection limit.

| | | | | | | | | |
|------|-----------|--------|-----|--------|----------|---------|-----|----------------|
| UHC | Antimony | 0 | ppm | D009 | Mercury | <0.0002 | ppm | Specify Other: |
| D004 | Arsenic | <0.05 | ppm | UHC | Nickel | 0.02 | ppm | |
| D005 | Barium | <0.05 | ppm | D010 | Selenium | <0.05 | ppm | |
| UHC | Beryllium | <0.004 | ppm | D011 | Silver | <0.005 | ppm | |
| D006 | Cadmium | <0.05 | ppm | UHC | Thallium | <0.01 | ppm | |
| D007 | Chromium | 3.04 | ppm | Listed | Zinc | 0 | ppm | |
| D008 | Lead | <0.05 | ppm | Listed | Vanadium | <0.05 | ppm | |

Section VII: Chemical Properties Certification (Each item must be answered) TOTALS (mg/kg)

| | | | | | | | |
|------|----------------------|-------|-----|------|------------------------------|------|-----|
| D012 | Endrin | 0 | ppm | D028 | 1,2-Dichloroethane | 0 | ppm |
| D013 | Lindane | 0 | ppm | D029 | 1,1-Dichloroethylene | 0 | ppm |
| D014 | Methoxychlor | 0 | ppm | D030 | 2,4-Dinitrotoluene | 0 | ppm |
| D015 | Toxaphene | 0 | ppm | D031 | Heptachlor (and its epoxide) | 0 | ppm |
| D016 | 2,4-D | 0 | ppm | D032 | Hexachlorobenzene | 0 | ppm |
| D017 | 2,4,5-TP (Silvex) | 0 | ppm | D033 | Hexachlorobutadiene | 0 | ppm |
| D018 | Benzene | 0 | ppm | D034 | Hexachloroethane | 0 | ppm |
| D019 | Carbon tetrachloride | 0 | ppm | D035 | Methyl ethyl ketone | 0 | ppm |
| D020 | Chlordane | 0 | ppm | D036 | Nitrobenzene | 0 | ppm |
| D021 | Chlorobenzene | 0.002 | ppm | D037 | Pentachlorophenol | 0 | ppm |
| D022 | Chloroform | 0 | ppm | D038 | Pyridine | 0 | ppm |
| D023 | o-Cresol | 0 | ppm | D039 | Tetrachloroethylene | .010 | ppm |
| D024 | m-Cresol | 0 | ppm | D040 | Trichloroethylene | .008 | ppm |
| D025 | p-Cresol | 0 | ppm | D041 | 2,4,5-Trichlorophenol | 0 | ppm |
| D026 | Cresol | 0 | ppm | D042 | 2,4,6-Trichlorophenol | 0 | ppm |
| D027 | 1,4-Dichlorobenzene | 0 | ppm | D043 | Vinyl chloride | 0 | ppm |

PCB ☐ None 0 ppm
Pesticides ☐ None 0 ppm
Dioxins ☐ None 0 ppm
Sulfides ☐ None 0 ppm
Cyanides ☐ None 0 ppm
Oxidizers ☐ None 0 ppm
☐ None 0 ppm

Etiologic Agents YES ☐ NO ☒
Water Reactive YES ☐ NO ☒
Pyrophoric YES ☐ NO ☒
Radioactive YES ☐ NO ☒
Radioactive Exempt YES ☐ NA ☒

If YES please include Texas Dept. of Health certification of exempt status.

If any item listed in this section is present, please explain its presence in the waste:

WASTE DISPOSAL INFORMATION SHEET (WDI)

WDI:

Section VIII: Generator Certification

I certify and warrant that the above waste stream identification for the materials offered for disposal as appears on this form and the information contained on any attachments, or supplements, is true and correct. My certification is based on personal examination of the information submitted, or is based upon my inquiries of those individuals responsible for obtaining the information. I further certify and warrant that the identification is the result of a representative sample obtained and analyzed in accordance with testing procedures specified by the U.S. EPA or by applying knowledge of the process generating the specific waste being offered for disposal. I am an employee or authorized agent of the generator and am empowered to sign this form.

Authorized Signature:

Title: Hazardous Waste Manager

Name (Printed): Art Hoecker

Date: 20 Sep 2001

Comments / Process Description:

Analysis Attached

27. ADDITIONAL DATA

26. RIC (4-6)
UI (23-24)
QTY (25-29)
CON CODE (71)
DIST (55-56)
UP (74-80)

25. NATIONAL
STOCK NO. &
ADD (8-22)

24. DOCUMENT NUMBER
& SUFFIX (30-44)

[illegible]

PerFORM (DLA)

PREVIOUS EDITION MAY BE USED

HAZARDOUS WASTE PROFILE SHEET

PART I

A. GENERAL INFORMATION

WASTE PROFILE NO. 505HK053

1. GENERATOR NAME

SHOP- K0698

2. FACILITY ADDRESS

BldgKelly AFB, Texas

3. GENERATOR USEPA ID

TX2571724333

4. GENERATOR STATE ID

5. ZIP CODE 78241

6. TECHNICAL CONTACT

Art Hoecker

7. TITLE: Env Waste Mng.

PHONE

(210) 925-3100 (242)B. 1. NAME OF WASTE CHROME WASTE2. USEPA/STATE WASTE CODE(S) D007

3. PROCESS GENERATING WASTE _____

4. PROJECTED ANNUAL VOLUME/UNITS _____ / _____ 5. MODE OF COLLECTION _____

6. IS THIS WASTE A DIOXIN LISTED AS DEFINED IN 40 CFR 261.31(e.g., F020, F021, F022, F023, F026, F027, OR F028)? ☐ YES ☒ NO7. IS THIS WASTE RESTRICTED FROM LAND DISPOSAL (40 CFR 268)? ☒ YES ☐ NOHAS AN EXEMPTION BEEN GRANTED? ☐ YES ☒ NODOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS? ☐ YES ☒ NO REFERENCE STANDARDS _____

PART II

1. MATERIAL CHARACTERIZATION
(OPTIONAL-NOT REQUIRED DATA)COLOR _____
DENSITY _____ BTU / LB _____
TOTAL SOLIDS _____ ASH CONTENT _____
LAYERING: ☐ MULTILAYERED ☐ BILAYERED ☐ SINGLE PHASE

2. RCRA CHARACTERISTICS

F CAL STATE: ☐ SOLID ☒ LIQUID ☐ SEMI-SOLID
☐ GAS ☐ OTHERTREATMENT GROUP: ☐ WASTEWATER ☒ NON-WASTEWATER☐ IGNITABLE (D001)

FLASH POINT (F) _____

☐ HIGH TOC (>10%)☐ LOW TOC (<10%)☐ REACTIVE (D003)☐ WATER REACTIVE☐ CYANIDE REACTIVE☐ SULFIDE REACTIVE☐ CORROSIVE (D002)

pH _____

☐ CORRODES STEEL☒ TOXICITY CHARACTERISTIC
(SEE REVERSE FOR LISTING)

3. CHEMICAL COMPOSITION (ppm or mg / L)

COPPER _____ PHENOLICS _____

NICKEL _____ TOTAL HALOGENS _____

ZINC _____ VOLATILE ORGANICS _____

CHROMIUM-HEX _____ PCBs _____

(OTHER) _____

NOTE: EXPLOSIVES, SHOCK SENSITIVE, PYROPHORIC, RADIOACTIVE,
AND ETIOLOGICAL WASTE NORMALLY ARE NOT ACCEPTED BY THE
DRMO

4. MATERIAL COMPOSITION

| COMPONENT | CONCENTRATION | RANGE |
|-----------|---------------|-------|
| CHROMIUM | 2,400 PPM | |
| CADMIUM | 0.2 PPM | |
| LEAD | 1.8 PPM | |
| BARIUM | 0.2 PPM | |
| SELENIUM | 0.4 PPM | |
| MERCURY | 0.3 PPM | |
| TOTAL | 100% | 100% |

5. SHIPPING INFORMATION

DOT HAZARDOUS MATERIAL? ☒ YES ☐ NO

PROPER SHIPPING NAME _____

HAZARDOUS WASTE LIQUID, N.O.S.HAZARD CLASS 9 U.N. or
N.A. NO. 3082ADDITIONAL DESCRIPTION PG IIIMETHOD OF SHIPMENT ☐ BULK ☐ DRUM ☐ OTHER _____

CERCLA REPORTABLE QUANTITY (RQ) _____

EMERGENCY RESPONSE GUIDE PAGE _____

DOT PUBLICATION 5800.4 PAGE NO. _____ EDITION (YR) _____

SPECIAL HANDLING INFORMATION _____

6. GENERATOR CERTIFICATION

BASIS FOR INFORMATION

☐ CHEMICAL ANALYSIS (ATTACH TEST RESULTS)☒ USER KNOWLEDGE (ATTACH SUPPORTING DOCUMENTS - Explain how and why these documents comply with
RCRA requirements) Analysis or MSDS available

I, _____, (Print or Type Name) HEREBY CERTIFY THAT ALL INFORMATION IN THIS AND ALL

ATTACHED DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE AN ACCURATE REPRESENTATION OF THE WASTE TURNED
TO DRMO. ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED

SIGNATURE OF GENERATOR'S REPRESENTATIVE

DATE

DRMS FORM 1930

| | | | | |
|----------|----------|----------|----------|----------|
| SAMPLE # | 20-00473 | 20-00479 | 20-00483 | 20-00487 |
| | 2000473 | 20-00476 | 20-00484 | 20-00488 |
| | 2000472 | 20-00477 | 20-00485 | 20-00489 |
| | 2000474 | 20-00478 | 20-00486 | 20-00490 |
| | | 20-00481 | | 20-00491 |
| | | 20-00482 | | |

TOXICITY CHARACTERISTIC LIST

EFFECTIVE 25 SEP 90 - LARGE QUANTITY GENERATORS

29 MAR 91 - SMALL QUANTITY GENERATORS

| CONTAMINANT | EPA HW No. | (mg/L) | CONTAMINANT | EPA HW No. | (mg/L) |
|---|------------|--------|---|------------|--------|
| <input type="checkbox"/> ARSENIC | D004 | _____ | <input type="checkbox"/> HEXACHLORO-1,3-BUTADIENE | D033 | _____ |
| <input type="checkbox"/> BARIUM | D005 | _____ | <input type="checkbox"/> HEXACHLOROETHANE | D034 | _____ |
| <input type="checkbox"/> BENZENE | D018 | _____ | <input type="checkbox"/> LEAD | D008 | _____ |
| <input type="checkbox"/> CADMIUM | D006 | _____ | <input type="checkbox"/> LINDANE | D013 | _____ |
| <input type="checkbox"/> CARBON TETRACHLORIDE | D019 | _____ | <input type="checkbox"/> MERCURY | D009 | _____ |
| <input type="checkbox"/> CHLORDANE | D020 | _____ | <input type="checkbox"/> METHOXYCHLOR | D014 | _____ |
| <input type="checkbox"/> CHLOROBENZENE | D021 | _____ | <input type="checkbox"/> METHYL ETHYL KETONE | D035 | _____ |
| <input type="checkbox"/> CHLOROFORM | D022 | _____ | <input type="checkbox"/> NITROBENZENE | D036 | _____ |
| <input checked="" type="checkbox"/> CHROMIUM | D007 | _____ | <input type="checkbox"/> PENTACHLOROPHENOL | D037 | _____ |
| <input type="checkbox"/> O-CRESOL | D023 | _____ | <input type="checkbox"/> PYRIDINE | D038 | _____ |
| <input type="checkbox"/> M-CRESOL | D024 | _____ | <input type="checkbox"/> SELENIUM | D010 | _____ |
| <input type="checkbox"/> P-CRESOL | D025 | _____ | <input type="checkbox"/> SILVER | D011 | _____ |
| <input type="checkbox"/> CRESOL | D026 | _____ | <input type="checkbox"/> TETRACHLOROETHYLENE | D039 | _____ |
| <input type="checkbox"/> 2,4-D | D016 | _____ | <input type="checkbox"/> TOXOPHENE | D015 | _____ |
| <input type="checkbox"/> 1,4-DICHLOROBENZENE | D027 | _____ | <input type="checkbox"/> TRICHLOROETHYLENE | D040 | _____ |
| <input type="checkbox"/> 1,2-DICHLOROETHANE | D028 | _____ | <input type="checkbox"/> 2,4,5-TRICHLOROPHENOL | D041 | _____ |
| <input type="checkbox"/> 1,1-DICHLOROETHYLENE | D029 | _____ | <input type="checkbox"/> 2,4,6-TRICHLOROPHENOL | D042 | _____ |
| <input type="checkbox"/> 2,4-DINITROTOLUENE | D030 | _____ | <input type="checkbox"/> 2,4,5-TP (SILVEX) | D017 | _____ |
| <input type="checkbox"/> ENDRIN | D012 | _____ | <input type="checkbox"/> VINYL CHLORIDE | D043 | _____ |
| <input type="checkbox"/> HEPTACHLOR (AND ITS HYDROXIDE) | D031 | _____ | | | |
| <input type="checkbox"/> HEXACHLOROBENZENE | D032 | _____ | | | |

PART III

FOR DRMO USE ONLY

DRMO VERIFICATION

1. DATE VERIFIED _____

2. RESULTS ☐ ATTACHED

pH _____ FLASH POINT _____ SPECIFIC GRAVITY _____ HALIDES (TOX) _____

REACTIVITY: WATER REACTIVITY _____ CYANIDES _____ SULFIDES _____

TCLP _____

APPENDIX C

EXAMPLES OF COMPLETED MANIFESTS

CONSERVATION COMMISSION

P.O. Box 13087

Austin, Texas 78711-3087

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)



Original Completed Manifest
Generator's Copy

Form approved. OMB No. 2050-0039.

| | | | | | | | | | |
|---|--|--|------|---|-----------------|--|--|---|--|
| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA ID No. TX 2571724333 | | Manifest Document No. 12825 | | 2. Page 1 of 1 | | Information in the shaded areas is not required by Federal law. | |
| 3. Generator's Name and Mailing Address AFBCA/DK (KELLY AFB) 143 BILLY MITCHELL BLDG. 43 SAN ANTONIO, TX 78226 | | 4. Generator's Phone (210) 925-3100 x242 ATTN: Art Hoecker | | A. State Manifest Document Number 02661480 | | B. State Generator's ID 31750 | | | |
| 5. Transporter 1 Company Name ABSOLUTE INDUSTRIES | | 6. US EPA ID Number TX R 000029728 | | C. State Transporter's ID 38869 | | D. Transporter's Phone (512) 361-3877 | | | |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | E. State Transporter's ID | | F. Transporter's Phone | | | |
| 9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380 | | 10. US EPA ID Number TX D 069452340 | | G. State Facility's ID 50052 | | H. Facility's Phone (361) 387-3513 | | | |
| 11A. HM | 11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group) | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt/Vol | Waste No. | | | |
| X | a. RQ, HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, PGIII (D007, D011) | 001 | CM | | P | 04873191 | | | |
| | b. | | | | | | | | |
| | c. | | | | | | | | |
| | d. | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above TECO W/S# 09-004-5568 TECO WT. | | | | K. Handling Codes for Wastes Listed Above M111/M132 | | | | | |
| 15. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY CONTACT: (210) 925-3100 X-242 | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. | | | | | | | | | |
| Printed/Typed Name Art Hoecker | | | | Signature <i>Art Hoecker</i> | | Month Day Year 09/17/01 | | | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | | | Signature | | Date Month Day Year | | | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | | | Signature | | Date Month Day Year | | | |
| 19. Discrepancy Indication Space | | | | | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. | | | | | | | | | |
| Printed/Typed Name | | | | Signature | | Date Month Day Year | | | |



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039.

| UNIFORM HAZARDOUS WASTE MANIFEST | | 1. Generator's US EPA ID No. TX 2571724333 | Manifest Document No. 12054 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law. |
|---|--|--|-----------------------------------|----------------------------|--|
| 3. Generator's Name and Mailing Address AFBCA/DK 143 BILLY MITCHELL, Suite 1 SAN ANTONIO, TX 78226 | | A. State Manifest Document Number 02504668 | | | B. State Generator's ID 31750 |
| 4. Generator's Phone (210) 925-3100 X-242 ATTN: ART HOECKER | | C. State Transporter's ID 41981 | | | D. Transporter's Phone (210) 867-8130 |
| 5. Transporter 1 Company Name EAGLE CONSTRUCTION & ENVIRON. | | 6. US EPA ID Number TX D 987983715 | | | E. State Transporter's ID |
| 7. Transporter 2 Company Name | | 8. US EPA ID Number | | | F. Transporter's Phone |
| 9. Designated Facility Name and Site Address TEXAS ECOLOGISTS, INC. 3 1/2 MILE S. PETRONILA ROAD ROBSTOWN, TEXAS 78380 | | 10. US EPA ID Number TX D 069452340 | | | G. State Facility's ID 50052 |
| H. Facility's Phone (361) 387-3518 | | 11A. HM | | | 11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group) |
| X | | 12. Containers No. Type | | | 13. Total Quantity |
| a. RQ, HAZARDOUS WASTE LIQUID, N.O.S., 9, NA3082, PGIII (D007, F001, F002) | | 001 TT | | | 3500 6000 |
| b. | | | | | 3989 |
| c. | | | | | |
| d. | | | | | |
| J. Additional Descriptions for Materials Listed Above TECO W/S# 09-004-5188 | | K. Handling Codes for Wastes Listed Above TECO WT. 33,620 165 M141 | | | |
| 15. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY CONTACT: (210) 925-3100 EXT. 242 | | | | | |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. | | | | | |
| Printed/Typed Name ART HOECKER | | Signature Art Hoecker | | Month Day Year 07/24/01 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | | Signature Perry Taylor | | Date 08/02/01 | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | | Signature | | Date | |
| 19. Discrepancy Indication Space Section 13 corrected a TSDF volume discrepancy 08/02/01 Audited | | | | | |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. | | | | | |
| Printed/Typed Name D. Brown | | Signature D. Brown | | Month Day Year 08/02/01 | |

APPENDIX D
STANDARD OPERATING PROCEDURES FOR
HAZARDOUS MATERIAL
